Procurement Resource
by CAIGHT

Magnesium Price Trend Q1 2026

Global Market Outlook | Price Forecasts
Cost Drivers | Supply-Demand Analysis

Global Insights
Price Forecasts
Supply Chain Intelligence
Procurement Strategy

Procurement Resource by CLAIGHT

Magnesium Market – Executive Summary

Global Outlook & Price Intelligence | Q1 2026

Q1 2026 Report | Commodity Intelligence

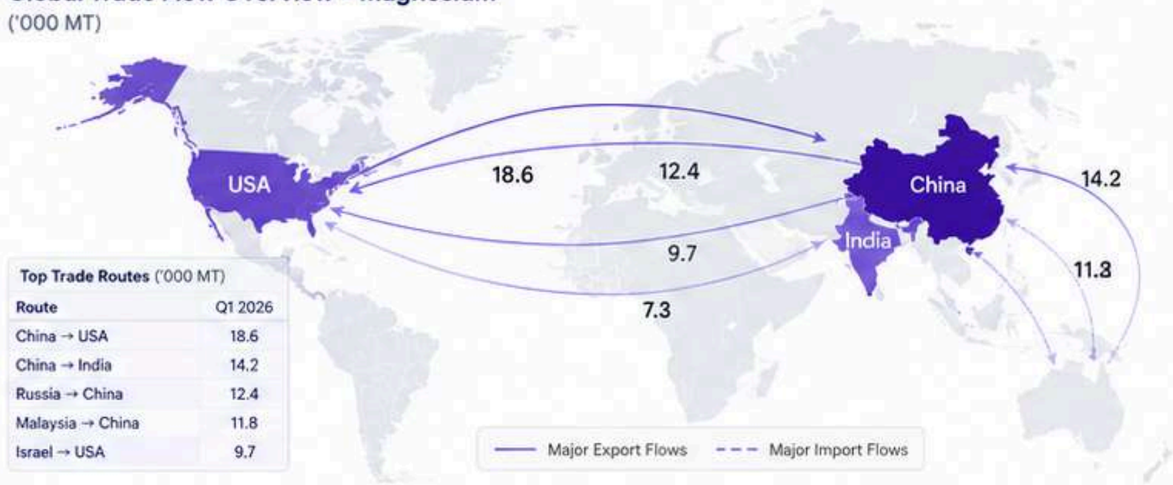
- Executive Summary
- Price Intelligence
- Market Outlook
- Supply & Demand
- Trade Analytics
- Cost Analysis
- News & Insights
- Methodology
- About Us

Report Coverage
Q1 2026
Jan'26 – Mar'26

Global Avg. Price	Price Forecast (Q2 2026)	Global Demand	Global Supply	Market Balance	Volatility Index
USD/MT	USD/MT	('000 MT)	('000 MT)	('000 MT)	(30D)
2,650	2,720 – 2,820	1,02,500	1,05,200	+2,700	18.7
▲ 6.8% vs Q4 2025	▲ 3.1% (Midpoint)	▲ 4.3% YoY	▲ 2.7% YoY	Surplus	▼ 1.4 pts vs Dec'25

Global Trade Flow Overview – Magnesium

('000 MT)

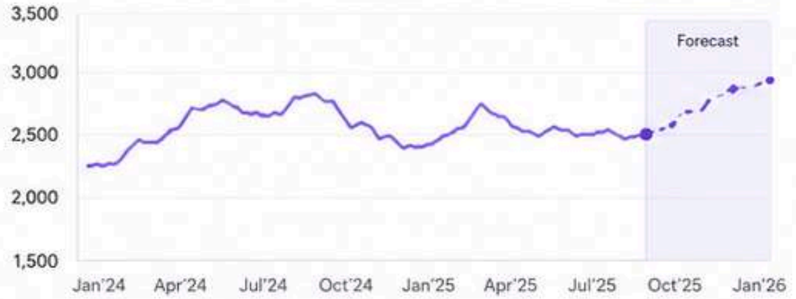


Top Trade Routes ('000 MT)

Route	Q1 2026
China → USA	18.6
China → India	14.2
Russia → China	12.4
Malaysia → China	11.8
Israel → USA	9.7

Magnesium Price Trend

(USD/MT) View Details

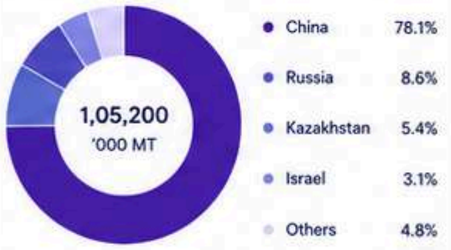


Q1 2026 Avg. Price	QoQ Change	YoY Change	Forecast (Q2 2026)
2,650 USD/MT	▲ 6.8%	▲ 3.9%	2,720 – 2,820

Supply Breakdown (Q1 2026)

View Details

(Share %)



China	78.1%
Russia	8.6%
Kazakhstan	5.4%
Israel	3.1%
Others	4.8%

Demand Breakdown (Q1 2026)

View Details

(Share %)

Aluminum Alloys	73.2%
Steel Desulfurization	10.8%
Die Castings	7.6%
Chemical	4.3%
Others	4.1%

Market Drivers

- Rising demand from aluminum & EV sectors
- Supply constraints in China & Central Asia
- Energy cost volatility impacting production
- Strong government support for magnesium alloy use
- Growing applications in automotive & aerospace

Price Outlook (Next 4 Quarters)

View Details

(USD/MT)

Source: Procurement Resource by Claight | Note: All figures are approximate and subject to change

Procurement Resource
Insights That Matter

Source: Procurement Resource

GLOBAL PRICE COMPARISON

Q1 2026

Price in USD per Metric Ton

MAGNESIUM INGOT | Q1 2026

MARKET HIGHLIGHTS

- Global magnesium prices show a steady increasing trend across key regions in Q1 2026.
- The USA records the highest price at USD 2,575.18/MT CIF.
- Price variations are driven by freight costs, import duties, and regional demand-supply dynamics.
- Strong industrial demand and supply constraints continue to support price stability.

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Procurement Resource
by CLAIGHT

China Supply Hub

Global Magnesium Production Powerhouse
Integrated Manufacturing. Strategic Exports.

Advanced Smelting Capacity
High-purity magnesium production with cutting-edge technology

Global Export Network
Supplying key industries across Asia, Europe & North America

Integrated Supply Chain
From raw material to refined metal ensuring reliability & scale

MAGNESIUM PRICE TREND (USD/MT)

MARKET OUTLOOK Q1 2026

- Strong Demand from Automotive, Aerospace & Electronics
- Supply Tightness Driving Price Momentum
- China Leading Global Magnesium Exports

GLOBAL EXPORT DESTINATIONS

TOP EXPORT MARKETS	Q1 2026 (MT)
North America	128,000
Europe	96,000
Japan	74,000
South Korea	62,000
India	58,000

EXPORT GROWTH (YOY)

KEY INSIGHTS

- China holds 85%+ of global magnesium production
- Strong infrastructure & cost advantages
- Sustained growth in exports & global partnerships

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Automotive Demand

Magnesium alloys driving the future of lightweight mobility

Magnesium's unmatched strength-to-weight ratio makes it a critical enabler in next-generation electric vehicles, improving range, efficiency, and sustainability.

- Lightweight Innovation
- EV Optimization
- High-Performance Engineering
- Sustainable Mobility

Magnesium in EV Manufacturing

- Up to **75%** lighter than steel
- **10–15%** improvement in driving range
- High strength and crash safety
- **100%** recyclable and eco-friendly

Key Magnesium Components in EVs

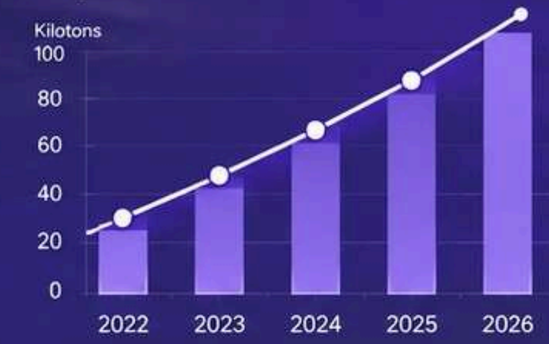
Steering Wheels

Seat Frames

Battery Housings

Structural Castings

Rising Global Demand for Magnesium in Automotive



Strong growth driven by EV adoption, regulatory support, and lightweighting trends.

Procurement Resource
by CAIDAT

Magnesium Price Trend Q1 2026

Aerospace Applications

Magnesium alloys play a critical role in modern aerospace engineering by delivering unmatched strength-to-weight performance, structural stability, and efficiency. From engine components to interior assemblies, magnesium enables next-generation aircraft to achieve higher performance, greater fuel efficiency, and lower emissions.

- Lightweight Excellence
- High Strength & Durability
- Fuel Efficiency & Emission Reduction
- Advanced Engineering Performance

Key Aerospace Applications

- Engine Components
- Structural Parts
- Interior Assemblies
- Transmission Housings
- Avionics Enclosures

Procurement Resource
by CONICAT

APPLICATION SNAPSHOT

Magnesium in Electronics Manufacturing

Powering Innovation. Enabling Performance. Driving Efficiency.

Magnesium is a critical enabler in modern electronics manufacturing, offering unmatched strength-to-weight ratio, superior EMI shielding, and thermal conductivity for high-performance applications.

KEY APPLICATIONS

- Laptop & Tablet Frames
- Electronic Connectors & Shielding
- Smartphone Chassis & Mid-Frames
- Semiconductor Manufacturing Equipment
- Heat Sinks & Thermal Management
- Industrial Automation & Robotics

WHY MAGNESIUM?

- Lightweight yet High Strength
- Excellent Heat Dissipation
- Superior Electromagnetic Shielding
- Precision Cast & Machined Components
- 100% Recyclable & Sustainable

MARKET OUTLOOK

Global Magnesium Demand in Electronics (KMT)

CAGR (2023–2028): 7.7%

APPLICATION SHARE (2025)

- Electronics Casings 32%
- Heat Sinks 25%
- Connectors 18%
- SEM Equipment 15%
- Others 10%

PROCUREMENT INTELLIGENCE

$4,120	6.8%	Stable	High
Avg. Price (USD/MT)	Price Volatility	Supply Outlook	Buyer Demand

REGIONAL DEMAND (2025)

- Asia Pacific 68%
- North America 16%
- Europe 11%
- Rest of World 5%

SUPPLY CHAIN INSIGHTS

Raw Material Sourcing → Precision Casting → CNC Machining → Surface Treatment → Electronics Assembly

MARKET DRIVERS

- Rising demand for lightweight electronic devices
- Growth in 5G, IoT, and AI-powered hardware
- Increasing adoption in semiconductor manufacturing equipment
- Sustainability focus and recyclability advantages

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Insights That Matter

Regional Premium Structure

Global Logistics Cost Analysis for Magnesium Trade

GLOBAL AVG FREIGHT COST
$210 /MT
Q1 2026 Estimate

TOTAL TRADE VOLUME
1.25M MT
Q1 2026 Estimate

WEIGHTED AVG TRANSIT TIME
24.6 Days
Q1 2026 Estimate

FREIGHT COST TREND (QoQ)
⬇ **-3.7%**
vs Q4 2025

GLOBAL TRADE FLOW MAP

Magnesium Ingot Trade Routes & Freight Cost Overview

Q1 2026 | USD / MT | All Routes | Download Report

KEY HIGHLIGHTS

- Freight rates show moderate decline QoQ across major lanes.
- China → USA lane remains the most expensive route.
- Shorter transit routes to India continue to offer cost efficiency.
- Supply chain normalization improving cost competitiveness.

ROUTE COST COMPARISON (USD/MT)

REGIONAL FREIGHT COST SUMMARY (USD/MT)

TRADE ROUTE	Q1 2026 EST.	Q4 2025	QoQ CHANGE	TRANSIT TIME
China → USA	$215	$225	-4.4%	23–28 Days
India → USA	$230	$240	-4.2%	28–35 Days
China → India	$120	$125	-4.0%	14–18 Days
China → Europe	$185	$192	-3.6%	26–32 Days
India → Europe	$210	$218	-3.7%	30–36 Days
Global Average	$210	$218	-3.7%	24.6 Days

FREIGHT COST TREND (USD/MT)

COST COMPOSITION ANALYSIS (Q1 2026)

Source: Procurement Resource Logistics Intelligence Platform

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Supply Chain Economics

Optimizing Magnesium Supply Chain for Cost Efficiency & Resilience

- **Production Costs**
  Smelting | Energy | Raw Materials
- **Freight Expenses**
  Global Shipping | Port | Handling
- **Inventory Management**
  Stock Optimization | Warehousing
- **Logistics Efficiency**
  Route Planning | Lead Time Control
- **Financing Costs**
  Working Capital | Credit | Hedging

AI-POWERED PROCUREMENT INTELLIGENCE

Total Supply Chain Cost Trend (USD/MT)

Cost Contribution (%)

- Production 56%
- Freight 20%
- Inventory 12%
- Financing 7%
- Other 5%

Supply Chain Risk Index

Procurement Savings Potential

USD **96**/MT
vs Current Market Cost

AI Forecast – Cost Outlook Q1 2026

2,680 USD/MT
↓ 3.2% vs Q4 2024

MAGNESIUM SUPPLY CHAIN ECOSYSTEM

COST BREAKDOWN (USD/MT)

Production Costs	Freight Expenses	Inventory Costs	Financing Costs	Other Costs
1,500	540	320	190	130
56%	20%	12%	7%	5%

Total Cost
2,680 USD/MT

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Commodity Intelligence | Forecasting | Market Insights

Magnesium Market Outlook 2026

Global Market Forecast & Key Indicators

Market Size 2026 (USD Billion)	Global Demand (MT)	Average Price 2026 (USD/MT)	Global Supply (MT)	Market Balance (MT)	Confidence Level
4.95	1.05M	3,250	1.02M	+30K	78%
▲ 3.8% YoY	▲ 3.6% YoY	▲ 4.1% YoY	▲ 2.9% YoY	Surplus	

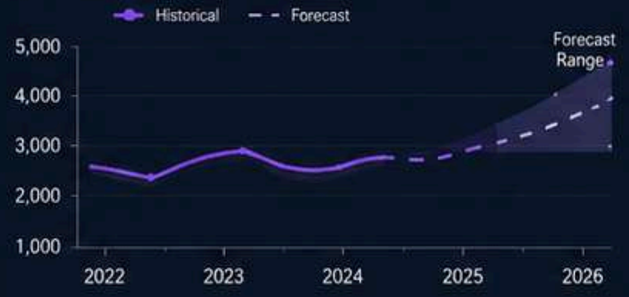
Executive Outlook

The global magnesium market is projected to experience steady growth in 2026, driven by rising demand from transportation, aluminum alloys, and electronics sectors. Supply constraints from energy costs and environmental regulations may limit output expansion, creating upward pressure on prices.

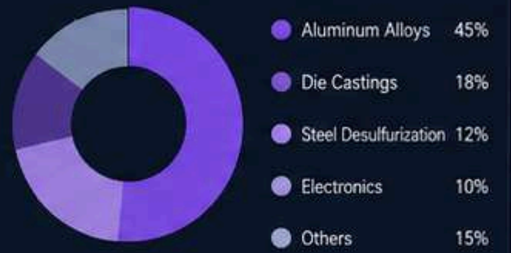
Key Takeaways

- Global demand projected to grow 3.8% in 2026
- China to remain the largest producer, contributing over 85% of global supply
- Energy prices and regulations remain key cost drivers
- Freight rates expected to stabilize in H2 2026
- Inventory levels indicate a balanced market with limited surplus

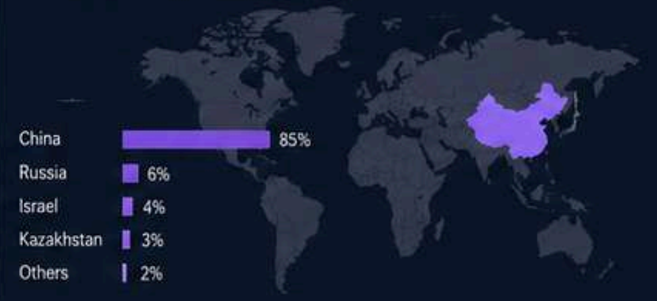
Magnesium Price Forecast (USD/MT)



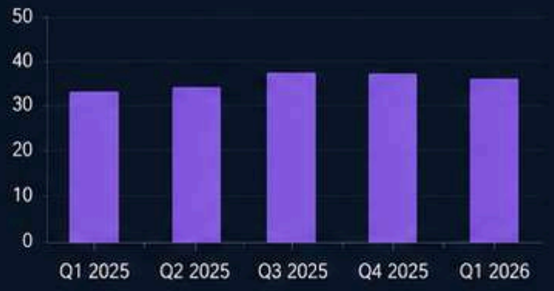
Global Demand by End-Use (%)



Global Supply by Region (%)



Inventory Levels (Days of Supply)



Freight Rate Trend (USD/40ft Container)

AI Forecast Model Insights

Model Accuracy	89%
Forecast Horizon	12 Months

Key Drivers

- Energy Prices
- Industrial Production
- Trade Flow
- Environmental Policy

Market Outlook Summary

The magnesium market in 2026 will remain fundamentally supported by strong end-use demand and supply discipline. Price volatility is expected in H1, followed by gradual stabilization in H2, with potential upside risks from energy costs and policy changes.

Strong Demand
Automotive & lightweight materials drive growth

Sustainability Focus
Low-carbon production initiatives rising

Price Outlook
Moderate increase with managed volatility

Global Trade
Balanced trade flow with regional opportunities

Source: Procurement Resource

Note: All forecasts are subject to change based on market conditions.

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Procurement Strategy

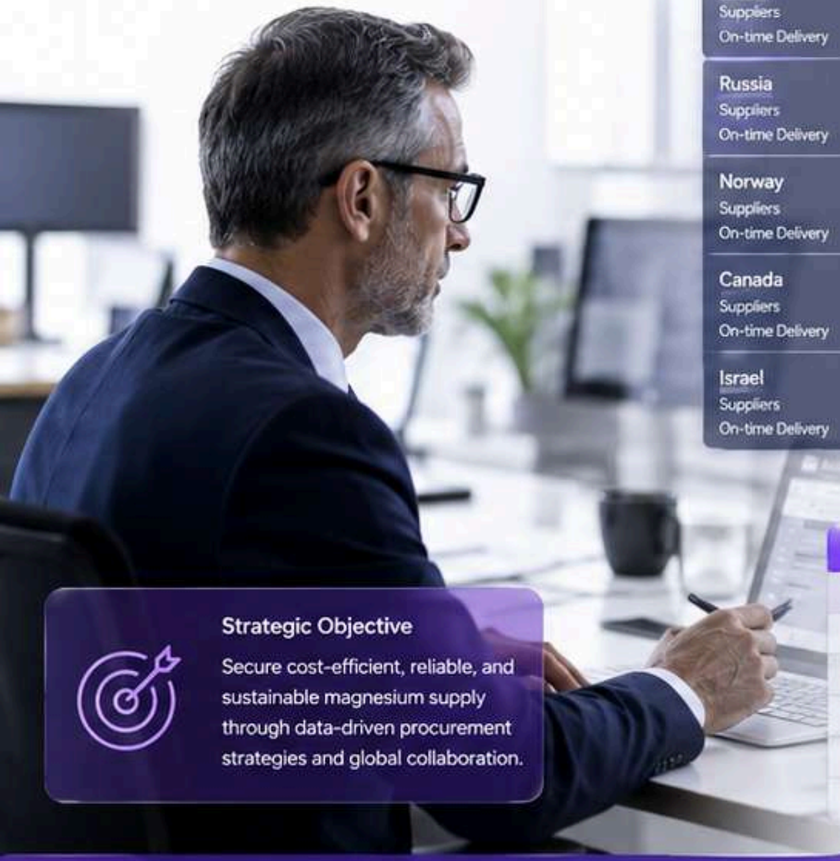
Data-driven insights to optimize magnesium sourcing, manage total cost, and build a resilient global supply network.

Market Intelligence
Real-time price trends and forecasts

Supplier Intelligence
Global supplier mapping and performance

Cost Optimization
Landed cost analysis and scenario modeling

Risk Management
Supply risk monitoring and mitigation

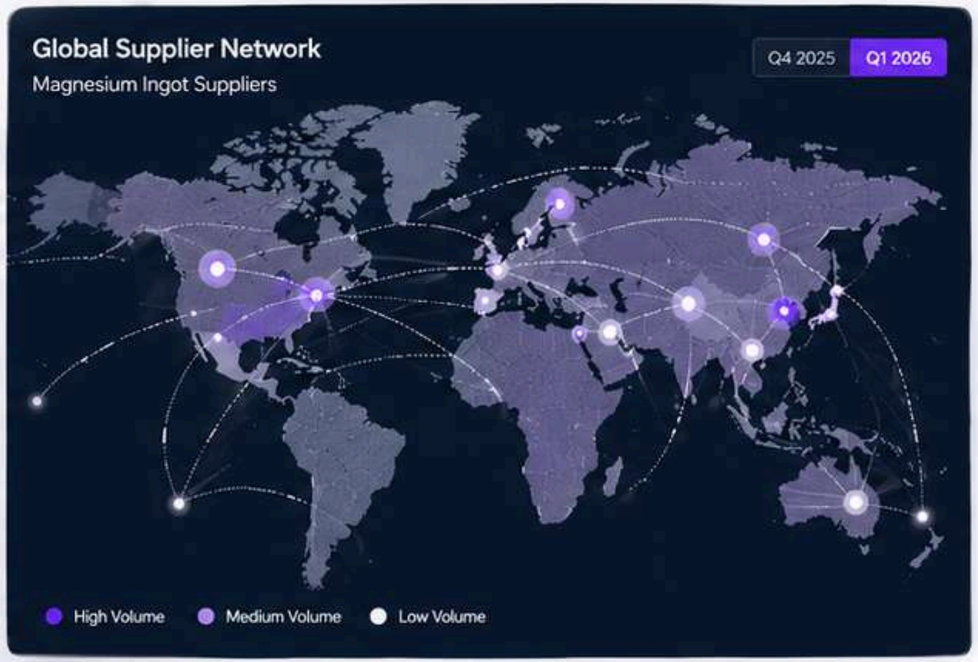


China	
Suppliers	28
On-time Delivery	96%
Russia	
Suppliers	15
On-time Delivery	93%
Norway	
Suppliers	8
On-time Delivery	97%
Canada	
Suppliers	10
On-time Delivery	95%
Israel	
Suppliers	6
On-time Delivery	92%

Global Supplier Network

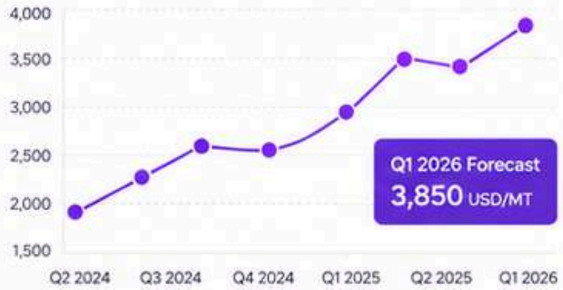
Magnesium Ingot Suppliers

Q4 2025 | Q1 2026



Magnesium Price Trend

USD/MT



Market Outlook Q1 2026

Demand	Strong growth in automotive and aerospace sectors
Supply	Moderate supply expansion; tightness in key regions
Price Outlook	Prices expected to remain firm in Q1 2026

Strategic Objective

Secure cost-efficient, reliable, and sustainable magnesium supply through data-driven procurement strategies and global collaboration.

Landed Cost Analysis (USD/MT)

Supplier Region	Base Price	Freight	Duties & Taxes	Total Landed Cost
China	2,650	220	180	3,050
Russia	2,580	250	160	2,990
Norway	2,900	180	200	3,280
Canada	2,750	200	150	3,100
Israel	3,100	210	190	3,500

Cost Component Breakdown

Strategic Recommendations

- Diversify supplier base to reduce geopolitical risk
- Negotiate long-term contracts to lock in prices
- Monitor market trends and adjust sourcing strategy
- Leverage data analytics for cost optimization

Data Accuracy 99.8%

Global Coverage 100+ Countries

Supplier Database 500+ Suppliers

Update Frequency Real-time

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MAGNESIUM PRICE TREND Q1 2026

Thank You

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